

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 85-37

WASTE DISCHARGE REQUIREMENTS FOR:

CALIFORNIA STATE PARKS FOUNDATION
MARCONI CONFERENCE CENTER
MARIN COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board), finds that:

1. California State Parks Foundation (hereinafter the discharger) submitted a report of waste discharge on January 28, 1985, for the Marconi Conference Center (formerly Marconi Ranch property) located on Tomales Bay adjacent to Highway 1, Marin County.
2. Waste discharge requirements were previously issued in 1982 to San Francisco Foundation, once owner of the Marconi Ranch property, in Board Order No. 82-42. This Order is no longer applicable.
3. The discharger proposes to establish and operate a conference center that would provide accommodations and meals for a staff of fifty-two (52) (12 resident and 40 non-resident) and up to 200 conference guests. The projected wastewater flow is 13,500 gallons per day (gpd) - peak daily flow and 11,700 gpd - average daily flow. The wastewater will be collected by gravity sewers and pumped to an existing package plant with a capacity of 25,000 gpd. Secondary treatment is provided by an activated sludge process and has the capacity to provide sand filtration and chlorination of secondary effluent. Waste effluent can be stored in closed tanks having a capacity of 180,000 gallons, sufficient for 16 days of storage at average daily flow. Normally treated effluent will go directly to the disposal system. Sludge is dried in drying beds adjacent to the treatment plant. The waste treatment will undergo renovation prior to project start up.
4. The wastewater disposal system will consist of a leaching trench system (similar to a conventional leaching system except that it extends up to the ground surface) which will accept secondary effluent from the treatment plant through a dosing siphon. Any effluent not absorbed into the trench due to excessive rainfall and saturated soils would flow out of the top of the trench, over the ground surface, to be later absorbed by topsoil. A berm will enclose the entire 1.8 acre disposal field and a ditch system and pump would collect surface runoff and return it to the storage tanks for reapplication to the disposal field. It is calculated that, on the average, trench overflow would occur only seven days per year. The land disposal area is shown on the attached map which is hereby made part of this Order.
5. The Board adopted a revised Water Quality Control Plan (Basin Plan) for the San Francisco Bay Region on July 21, 1982. The Basin Plan contains water quality objectives for Tomales Bay.
6. The beneficial uses of Tomales Bay are:
 - a. Recreation
 - b. Commercial and Sport Fishing
 - c. Fish migration and habitat

- d. Habitat and resting for waterfowl and migratory birds
 - e. Preservation of rare and endangered species
 - f. Wildlife habitat
 - g. Shellfish harvesting
7. The County of Marin contracted Larry Seeman Associates, Inc. to prepare a Final Environmental Impact Report (EIR) for Marconi Inn, dated February 1985, in accordance with the California Environmental Quality Act (Public Resource Code Section 2100, et seq.).
 8. The EIR did not specify any significant adverse impact on water quality unique to this project. Therefore, compliance with waste discharge requirements will avoid adverse impacts.
 9. The Board has notified the California State Parks Foundation and interested agencies and persons of its intent to prescribe water reclamation requirements and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
 10. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that the California State Parks Foundation (hereinafter discharger) in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Prohibitions

1. Waste shall not be allowed to escape from the designated disposal area via either surface flow or surfacing after percolation.
2. There shall be no bypass or overflow of waste to waters of the State from the collection, treatment or disposal system.
3. Discharge of wastewater to any land other than the designated disposal area is prohibited.
4. Wastewater ponding which could provide a breeding area for mosquitoes is prohibited.

B. Discharge Specifications

General:

1. The treatment, storage, or disposal of waste shall not create a nuisance or pollution as defined in the California Water Code.
2. The disposal of waste shall not cause degradation of ground water suitable for domestic use or cause an increase in any quality parameter that would make ground water unsuitable for irrigation use.
3. The discharger shall maintain in good working order and operate as effectively as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements specified in this Order.
4. Fail-safe treatment shall be provided and include power facilities as needed

to assure continuous compliance with requirements.

Disposal Area:

1. The wastewater as discharged from the treatment and storage facilities to the disposal field shall be at all times an adequately treated wastewater, and shall meet the following quality limits at all times:

BOD	45 mg/l daily average
Settleable Solids	1.0 ml/l-hr maximum
Dissolved Oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.1 mg/l maximum
pH	6.0 minimum 9.0 maximum
Coliform Organisms	MPN shall not exceed two-hundred forty (240) coliform organisms per 100 milliliters of sample at some point in the treatment process.

2. The disposal area shall be a fenced area to exclude public contact with wastewater and shall be clearly identified with posted notices or warning signs - which are to be maintained at all times.

C. Provisions

1. The discharger shall comply with all Sections of this Order immediately upon adoption.
2. All necessary waste handling facilities for domestic waste shall be constructed/renovated and operable before the discharge of waste to the trench-percolation system commences.
3. The Board will review this Order periodically and may revise the requirements when necessary.
4. The volume of waste shall be limited to that described in Finding 3 of this Order. The discharger shall file with the Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location or volume of the discharge.
5. The discharger shall comply with a Self-Monitoring Program as ordered by the Executive Officer.
6. Sludges and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one which waste discharge requirements have been prescribed by a Regional Water Quality Control Board and which is in full compliance therewith.
7. In the event of any change in control or ownership of land or waste

discharger facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.

8. In the event the discharger is unable to comply with any of the conditions of this Order due to:

- (a) Breakdown of waste treatment equipment;
- (b) Accidents caused by human error or negligence; or
- (c) Other causes such as acts of nature,

the discharger shall notify the Executive Officer by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written notification shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to correct the problem and the dates thereof, and what steps are being taken to prevent the problem from recurring.

9. The discharger shall permit the Board or its authorized representative in accordance with California Water Code Section 13267(c):

- a. Entry upon premises in which an effluent source is located or in which any required records are kept.
- b. Access to copy any records required to be kept under terms and conditions by this Order.
- c. Inspection of any treatment, storage, monitoring, or disposal facilities required by this Order.
- d. Sampling of any stored or disposed wastewater.

10. Order No. 82-42 is hereby rescinded.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 30, 1985.

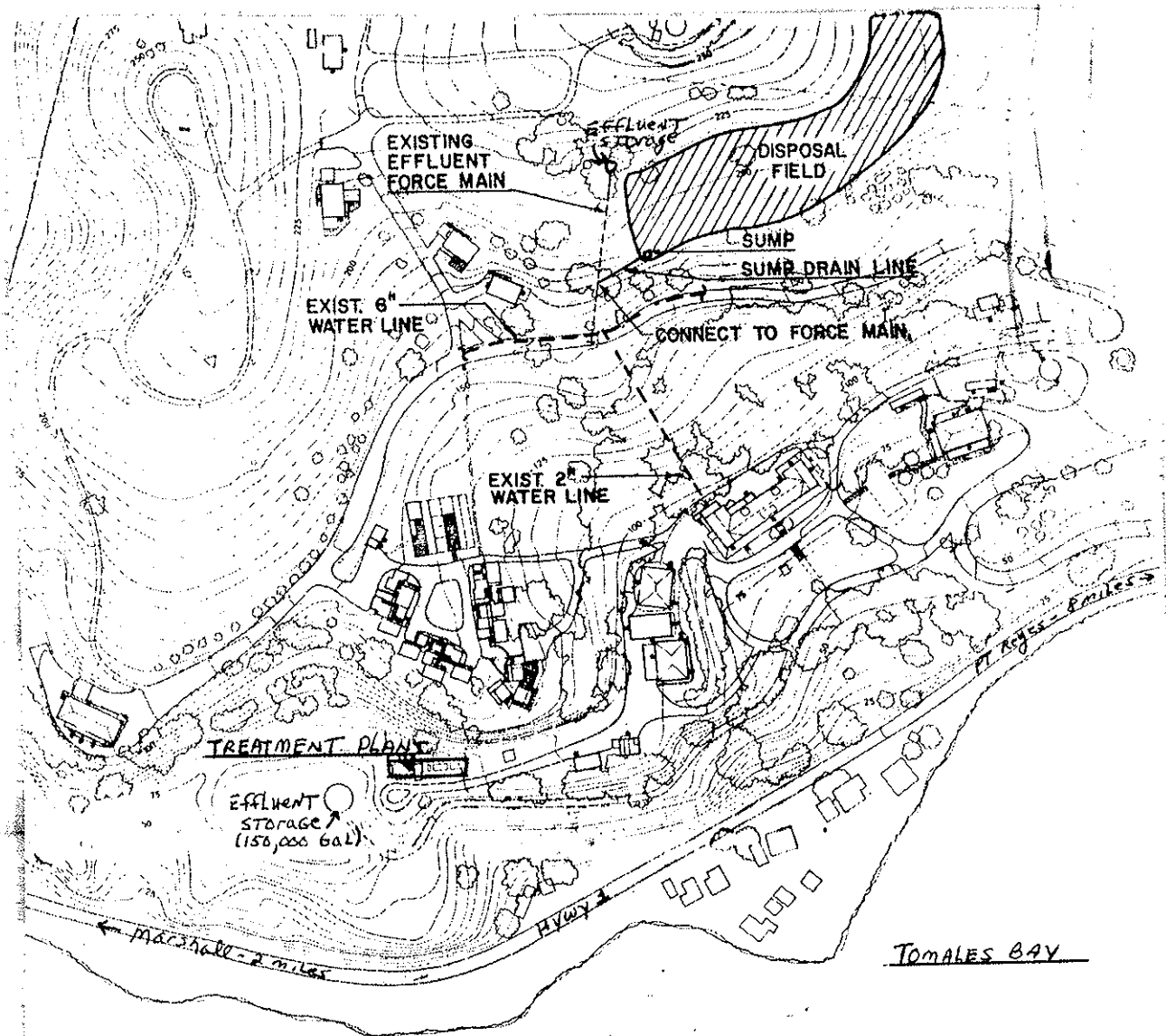
ROGER B. JAMES
Executive Officer

Attachment:

- A. Map of Treatment Facilities and Disposal Area

Marconi Conference Center

Marin County



STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

CALIFORNIA STATE PARKS FOUNDATION
MARCONI CONFERENCE CENTER
ATTACHMENT A

DRAWN BY: DATE: 3/7/85 DRWG. NO.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

CALIFORNIA STATE PARKS FOUNDATION
MARCONI CONFERENCE CENTER
MARSHALL, MARIN COUNTY

ORDER NO. 85-37

CONSISTS OF PART A And PART B

PART A

I. GENERAL

Reporting responsibilities of waste dischargers are specified in Sections 13225(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by a waste discharger, also referred to as a self-monitoring program, are:

1. To document compliance with waste discharge requirements and prohibitions established by the Regional Board.
2. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

II. REPORT TO BE FILED WITH THE REGIONAL BOARD

1. Violations of Requirements:

In the event the discharger is unable to comply with the conditions of the waste discharge requirements and prohibitions due to:

- (a) maintenance work, power failures, or breakdown waste treatment equipment, or
- (b) accidents caused by human error or negligence or,
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone at (415) 464-1255 as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problem from recurring.

Bypass Reports

2. Bypass reporting shall be an integral part of regular monitoring program reporting and a report on bypassing of untreated waste or bypassing of any ponded water shall be made which will include cause, time and date, duration and estimated volume of waste bypassed, method used in eliminating volume, and persons (including Marin County Health) notified, for planned and/or unplanned bypasses. Notification to the Regional Board shall be made immediately by phone, followed by written correspondence within 15 days if a bypass occurs.

The discharger shall file a written technical report at least 15 days prior to advertising for bid on any construction project which would cause or aggravate the discharge of waste in violation of requirements; said report shall describe the nature, costs, and scheduling of all action necessary to preclude such discharge.

3. Self-Monitoring Reports

Written reports shall be filed regularly for each calendar quarter and submitted by the fifteenth day of the following month. The reports shall be comprised of the following:

a. Letter of Transmittal:

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include a discussion of requirement violations found during the past months and actions taken or planned for correcting violations, such as operation modifications and/or plant facilities expansion. If the discharger has previously submitted a detailed time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory. Monitoring reports and the letter transmitting reports shall be signed by the facility owner or manager. The letter shall contain a statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

b. Data Results

All results observed or analyzed in Part B, including dates and times of sampling and/or observations.

c. Map

A map shall accompany the report showing sampling and observation station locations.

PART B

DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSES AND OBSERVATIONS

A. INFLUENT

<u>Station</u>	<u>Description</u>
A	At any point in the treatment facilities headworks at which all waste tributary to the system is present, and preceding any phase of treatment.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
A	1. Representative sample monthly throughout the year.	BOD, 5-day, 20 C Grease pH(Electrometric)	mg/l mg/l units

B. EFFLUENT

<u>Station</u>	<u>Description</u>
E-1	At any point in the outfall from the treatment plant to the point of discharge to the disposal area; this station shall be located at a point at which adequate contact with the disinfectant is assured.

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Analyses</u>	<u>Units</u>
E-1	Grap sample, monthly throughout the year.	BOD, 5-day, 20 C	mg/l
	Grab sample, weekly throughout the year.	Settleable Matter Dissolved Oxygen Dissolved Sulfide pH(electrometric)	ml/l/hr mg/l mg/l units
	Grap sample, twice each month.	MPN Coliform	MPN/ 100 ml

C. Land Observations

<u>Station</u>	<u>Description</u>
P-1 thru P-'n'	Located along the periphery of the disposal area at equidistant intervals, not to exceed 200 feet. (a sketch showing the location of these stations will accompany each report).

<u>Station</u>	<u>Type of Sample and Frequency</u>	<u>Observations & Analyses</u>
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disposal area, and
surfacing of effluent
outside disposal area
boundries.

I, Roger B. James, Executive Officer, do hereby certify that the foregoing
Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this
Regional Board's Resolution No. 73-16 in order to obtain data and document
compliance with waste discharge requirements established un Regional
Board Order No. 85-37.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written
notice from the Executive Offiver or request from the discharger and
revisions will be ordered by the Executive Officer.

ROGER B. JAMES
Executive Officer

Effective Date_____